

	L #	Hits	Search Text	DBs
1	L1	1114	(523/160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
2	L2	1299	(523/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
3	L3	460	ink and pigment and (ballpoint or ball adj point) and (solvent with alcohol\$2 or propanol or ethanol or methanol or butanol or (ethyl or propyl or butyl or methyl) adj alcohol) and (acrylic near5 (resin or polymer) or water adj soluble near5 (polymer or resin))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
4	L4	30	1 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
5	L5	55	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
6	L7	380	vapor adj pressure with (glycerin or glycol near3 ether)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
7	L9	1	vapor adj pressure with (glycerin or glycol near3 ether) with kpa!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
8	L10	124	vapor adj pressure with solvent with kpa!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
9	L11	377	ink and pigment and (ballpoint or ball adj point) and (propanol or ethanol or methanol or butanol or (ethyl or propyl or butyl or methyl) adj alcohol) and (acrylic near5 (resin or polymer) or water adj soluble near5 (polymer or resin))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
10	L12	24	1 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
11	L13	41	2 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
12	L14	6	12 not 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
13	L15	791	(106/31.6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
14	L16	29	15 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
15	L17	29	16 and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
16	L18	1657	(524/556).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
17	L19	9	18 and 11 and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
18	L20	1010	((401/208) or (401/215) or (401/216)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
19	L21	5	20 and 11 and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
20	L22	5230 12	ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
21	L23	3846 54	pigment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
22	L24	7377 81	(propanol or ethanol or methanol or butanol or (ethyl or propyl or butyl or methyl) adj alcohol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
23	L25	2828 25	(acrylic near5 (resin or polymer) or water adj soluble near5 (polymer or resin) or joncryl or hpd adj "96")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
24	L26	23	ink and pigment and (ballpoint or ball adj point) and (propanol or ethanol or methanol or butanol or (ethyl or propyl or butyl or methyl) adj alcohol) and (joncryl or hpd adj "96")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
25	L27	9	(1 2 15 18 20) and 26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
26	L28	1112	(1 2 15 18 20) and 22 and 23 and 24 and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
27	L29	5837 91	molecular adj weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
28	L30	3397 99	glass adj transition adj (point or temperature) or tg or "t.sub.g"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
29	L31	6057 8	acid adj (value or number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
30	L32	109	28 and 29 and 30 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
31	L34	6	33 and 29 and 30 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
32	L33	111	28 and (ballpoint or ball adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
33	L35	406	(1 2 15 18 20) and 22 and 23 and 24 and viscosity with (cp! or cps! or mpas! or mpa! or p! or mpas or mpa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
34	L36	42	35 and (ballpoint or ball adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
35	L37	82	22 and 23 and 24 and 25 and viscosity with (cp! or cps! or mpas! or mpa! or p! or mpas or mpa) and (ballpoint or ball adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
36	L38	2	("5769931").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
37	L39	7	vapor adj pressure with glycol with kpa!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
38	L40	370	vapor adj pressure with ethylene adj glycol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
39	L41	2	("5769931").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
40	L42	1	41 and (ethomeen or parasept)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
41	L43	1	(gcryl or g adj cryl) adj "5006"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
42	L44	0	vapor adj pressure with aminomethylpropanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
43	L45	2	vapor adj pressure with amino adj5 methyl adj5 propanol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
44	L46	15	vapor adj pressure with ethylene adj glycol with mmhg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
45	L47	10	vapor adj pressure with ethylene adj glycol with mm adj hg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
46	L48	2	ep-964036-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
47	L49	2	("6261352").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
48	L50	1	49 and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
49	L51	2	ep-819737-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
50	L52	2	("5861447").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
51	L53	1	52 and viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
52	L54	2	("6916862").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
53	L55	1	54 and (ballpoint or ball adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
54	L56	1	54 and 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
55	L57	0	54 and resin with "by weight"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
56	L58	3278 299	54 and resin weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
57	L59	1	54 and resin with weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
58	L60	1	(ballpoint or ball adj point) and (tip same valve same ball same ridge same coil adj spring same pressure same internal adj wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
59	L61	2	(ballpoint or ball adj point) and (tip same valve same ball same ridge same coil adj spring same pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
60	L62	9	(ballpoint or ball adj point) and (tip same valve same ball same coil adj spring same pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
61	L63	5	(ballpoint or ball adj point) and (tip same valve same ball same ridge same spring same pressure).	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
62	L64	62	(ballpoint or ball adj point) and (tip same valve same ball same spring same pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
63	L65	32	(ballpoint or ball adj point) and (tip same valve same ball same spring same pressure same rear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
64	L66	12	(ballpoint or ball adj point) and (tip same valve same ball same spring same pressure same rear near3 ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
65	L67	2	jp-2001315484-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
66	L68	2	("20040192808").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
67	L69	1	68 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
68	L70	2	(ballpoint or ball adj point) and (tip same valve same ball same ridge same coil adj spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
69	L71	7	(ballpoint or ball adj point) and (tip same valve same ball same ridge same spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
70	L72	20	(ballpoint or ball adj point) and (tip same valve same ball same coil adj spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
71	L73	167	(ballpoint or ball adj point) and (tip same valve same ball same spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
72	L74	10	20 and 73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
73	L75	1	(typical\$5 or conventional\$5) same (ballpoint or ball adj point) same (tip same valve same ball same ridge same spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
74	L76	10	(typical\$5 or conventional\$5) same (ballpoint or ball adj point) same (tip same valve same ball same spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
75	L77	8038	(ballpoint or ball adj point)	EPO; JPO; DERWENT
76	L78	3217	(ballpoint or ball adj point) and ink	EPO; DERWENT
77	L79	1514 2	22 and 23 and (wetting or solvent) same 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
78	L80	2296	79 and viscosity with (cp! or cps! or mpas! or mpa! or p! or mpas or mpa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
79	L81	1529	80 and 25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
80	L82	209	(1 2 15 18 20) and 81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
81	L83	25	82 and 29 and 30 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
82	L85	53	(ballpoint or ball adj point) and 81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
83	L86	207	2 and 22 and 23 and 24 and viscosity with (cp! or cps! or mpas! or mpa! or p! or mpas or mpa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
84	L87	370	2 and 22 and 23 and 24 and viscosity and 25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
85	L88	41	(ballpoint or ball adj point) and 87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB